CYCLOSPORIN DERIVATIVES FOR THE TREATMENT OF IMMUNE DISORDERS

Abstract

The present invention relates to a cyclosporin analog of the following formula

(I) or a pro-drug or pharmaceutically acceptable salt thereof:

10 (1)

wherein

A is of the formula:

15

where Q, W, X, Y, and Z are defined herein. In a second embodiment, the present invention relates to pharmaceutical compositions comprising pro-drugs or pharmaceutically acceptable salts of the compounds of the present invention and the use thereof for treating autoimmune diseases or for the prevention of organ transplantation rejection in a subject. In a third embodiment, the present invention relates to processes for the production of novel cyclosporin analogs of the present invention.

25

20